Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 04 Oct 2023 until 23:59 on Thursday 05 Oct 2023

Forecast Issued on Tuesday 03 Oct 2023 at 15:42

Confidence: Medium due to uncertainties over position of a front across Scotland on Wednesday and its gradual southward movement and position close to the Dales through Thursday and Friday.

Headline for Wednesday 04 Oct 2023: Some sunny spells in east, otherwise rather cloudy with patchy rain. Breezy

Mountain weather hazards on Wednesday 04 Oct 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Light rain	Sunny intervals	Sunny intervals	Cloudy	Light rain	Light rain
Precipitation probability							
20%	20%	50%	20%	20%	20%	50%	60%

Forecast for Wednesday 04 Oct 2023

Weather: Some clear spells, especially in the east, but cloudier in the west through the early hours with patchy rain. Then a bright day across the east with some sunny spells, but western hills look cloudier with a little rain or drizzle at times. Cloud increases from the north from mid-afternoon with outbreaks of, mainly light, rain becoming more extensive through the evening.

Chance of cloud-free hill tops above 600m: Little chance at first but soon becoming 25% in west and nearer 90% in east. Chances decrease to near zero in west in the late afternoon and evening and near 25% in the east.

Low Cloud and visibility: Periods or persistent cloud above about 600m in west but cloud becoming more occasional above 750m in the east until late afternoon, with patches developing above 450m in the west during the evening and becoming periods above 600m in the east. Otherwise visibility good or very good falling to several kilometres at times in rain and drizzle.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 04 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/28 SW	23/33 SW	24/34 SW	24/34 SW	27/39 SW	28/41 SW	28/41 SW	26/38 W	21/32 W
300	10/24 W	13/30 W	12/28 SW	14/29 SW	17/34 SW	19/37 SW	18/37 SW	16/34 W	13/28 W
Valley	5/20 W	10/25 W	11/27 W	13/27 SW	16/33 SW	15/32 SW	15/33 SW	13/29 SW	11/25 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	8/3	8/4	9/5	9/5	10/5	10/6	10/6	10/6
300	10/8	10/7	10/8	11/9	12/9	12/9	12/9	12/9	12/10
Valley	11/10	11/9	12/10	13/11	14/11	14/11	14/11	14/11	13/11
Freezing Level*	1800m	1700m	1900m	2000m	1900m	2100m	2200m	2200m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling rather chilly on the summits, where gusts around 55mph are possible during the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 03 Oct 2023	12.6mm	12.6mm	28mm

Forecast for Thursday 05 Oct 2023

Weather: A mostly cloudy day with outbreaks of rain, heaviest and most persistent across the west. Best of any brighter, sunnier spells across the east.

Maximum wind: Southwesterly 15-20mph increasing 25mph through the afternoon with gusts around 45mph developing over ridges and summits through the evening.

Chance of cloud-free hill tops above 600m: Little chance in the west but nearer 25% in the east.

Low Cloud and visibility: Periods or persistent cloud, but cloud more occasional at times in the east, above about 600m with patches, especially in the west, above 450m. Visibility good falling to just a few kilometres in heavier, more persistent rain.

Temperature: **Valleys:** Plus 11 rising to plus 15 or 16 Celsius
At 600m: Around plus 10 Celsius
Freezing level: Above the summits

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.